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(21)Application number : 2001-197048 (71)Applicant : NGK INSULATORS LTD
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**(54) STRAIGHT PIPE MADE FROM METAL MAINLY INCLUDING ALUMINUM,
MANUFACTURING METHOD THEREFOR, AND INSPECTION METHOD**

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a straight pipe made from a metal mainly consisting of aluminum, which hardly generates deformation, breakage and the like, has a long-term durability under a high-temperature condition or an environment where the load of heat cycle is applied, can be drawn, and is inexpensively manufactured.

SOLUTION: This method for manufacturing the straight pipe is characterized by completely annealing a porthole straight pipe made from aluminum or an aluminum alloy by pressure welding.

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